

PUFL SERIES

UV ULTRA-COMPACT LASER TRANSMITTER

FEATURES

- Energy per pulse up to 2μJ
- Peak power up to 2kW
- Average power up to 100mW
- Pulse repetition frequency 50kHz
- Collimated beam with $M^2 < 1.3$
- Low power consumption
- Compact and rugged package

355nm

Description

The PUFL series UV fiber lasers are pulsed laser sources emitting at 355nm and delivering high peak power pulse in a very compact package.

The 355nm series is a UV laser based on the combination of a powerful 1.0μm fiber laser and a compact/efficient frequency converter. Output beam is near gaussian and collimated.

The laser system is delivered with an interface module that allows to drive the laser very easily and to keep the frequency converter at constant temperature.

This source is ideal for aerosol detection or biological experimentation applications.

APPLICATIONS



Aerosol detection / Fluorescence excitation
/ Raman spectroscopy / Biological experimentation / wafer inspection

1 Platform

PU 01

